

3457. INTEGRATED ELECTROMETER DOSIMETER AND DOSE RECORDS SYSTEMS

In order to provide complete and timely exposure information for field personnel and supervisors, the Dose Records (DR) and Pocket Alarming Dosimeter (PAD) systems at Point Lepreau Generating Station (PLGS) have been integrated. The system uses results from Dose Records along with PAD readings since the last TLD read-out, to accurately track personnel exposure and control access to high dose work. Each job code used with the PAD system has associated limits and restrictions based on field location dose rates and estimated accumulated dose. Personnel not meeting the criteria are not permitted to perform the specific task. The system has simplified the task of dose accounting and dose control, especially for individuals with restrictive limits.

Presented at the 1997 International ALARA Symposium, Orlando, FL, March 16-19, 1997, by Laurie J. P. Comeau, Point Lepreau Generating Station, New Brunswick, CANADA.